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Tables

2002 - 1999

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Table 1: Basic Changes for Agricultural Various Data in the Palestinian Territory, 1999- 2002

Indicator	Year				
	2002	2001	2000	1999	
Number of Wells	4,389	4,004	*269	2,243	
Quantity of Pumped Water (1000 m ³)	120,967.8	116,670	121,697	122,790.7	(³ 1000)
Amount of Fish	2,379.0	1,950	2,623	3,650.2	
Number of Fishermen	2,543	2,543	3,319	2,335	
Number of Boats used in Fishing	770	727	726	722	
Number of Slaughtered Cows	32,941	42,919	52,081	48,512	
Number of Slaughtered Sheep	22,998	47,108	78,206	99,583	
Number of Slaughtered Goats	1,913	5,401	18,566	18,221	
Produced Broiler Chicks (thousand)	27,205.3	24,046.7	31,805.0	16,480.0	()
Produced Layered Chicks (thousand)	113.0	355.0	-	43.2	()
Percentage of Males Work in Agriculture (%)	11.9	9.4	9.8	9.3	(%)
Percentage of Females Work in Agriculture (%)	29.9	26.3	34.6	31.8	(%)
Average Wage in Agriculture (US \$)	11.0	13.0	16.4	14.8	()
Agricultural Output Value	..	653.6	747.2	741.3	
Value Added	..	335.8	421.0	461.2	
Intermediate Consumption	..	317.8	326.2	280.1	
Operating Surplus	..	326.9	406.6	444.0	
Compensation of Employees	..	8.9	14.3	17.2	
Private Economic Establishments Related to Agriculture	7,432	7,492	..	7,508	
Agricultural Cooperatives Societies	75	113	111	113	
Number of Agricultural Engineers	1,308	1,290	1,241	1,153	

Amount in ton, Value in million US \$.

* Represents the data for West Bank only.

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Table 2: Water Wells Used for Agriculture and Quantity of Water Pumped in the Palestinian Territory by Governorate\ District, 2002

Governorate\ District	³ 1000 Quantity of Pumped Water 1000 m ³	Number of Wells	/
Palestinian Territory	120,967.8	4,389	
Remaining West Bank	33,467.8	271	
Jenin	4,389.6	59	
Tubas	1,435.6	8	
Tulkarm	10,173.4	52	
Nablus	2,086.7	15	
Qalqiliya	6,074.0	65	
Salfit	-	-	
Ramallah & Al-Bireh	-	-	
Jericho	9,308.5	72	
Jerusalem	-	-	
Bethlehem	-	-	
Hebron	-	-	
Gaza Strip	87,500.0	4,118	
North Gaza	
Gaza	
Deir Al-Balah	
Khan Yunis	
Rafah	

Pumping: 1000 m³\ Year/³ 1000 :

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Table 3: Quantity of Caught Fish in Gaza Strip by Main Types and Governorate, 2002

Governorate	Type of Fish									
	Scomberomorus	Bongue	Loligo Vulgaris (Squid)	Sepia sp. (Cuttlefish)	Penaeus (Prawans)	Scomber	Trachurus (Horsemac)	Protuns sp. (Swimcrab)	Enthynnus sp (Little Tunny)	Sardina
Gaza Strip	48,822	31,799	56,189	54,630	59,701	156,059	125,281	72,739	129,243	1,041,872
Gaza	37,134	30,469	54,238	53,230	59,694	128,510	117,441	62,666	100,197	584,641
Deir Al-Balah	11,232	1,328	1,941	1,235	-	20,754	7,579	10,064	29,040	316,936
Khan Yunis	403	2	10	165	7	1,215	254	9	6	17,675
Rafah	53	-	-	-	-	5,580	7	-	-	122,620

Quantity: Kilogram

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Table 4: Quantity of Caught Fish in Gaza Strip by Main Types and Month, 2002

Month	Type of Fish									
	Scomberomorus	Bongue	Loligo Vulgaris (Squid)	Sepia sp. (Cuttlefish)	Penaeus (Prawans)	Scomber	Trachurus (Horsemac)	Protuns sp. (Swimcrab)	Enthynnus sp (Little Tunny)	Sardina
Total	48,822	31,799	56,189	54,630	59,701	156,059	125,281	72,739	129,243	1,041,872
January	2,779	577	10,471	7,346	4,404	6,027	11,342	2,310	2,346	80,103
February	287	156	2,454	4,367	2,110	555	3,940	294	1,843	45,230
March	80	342	884	1,463	4,430	687	2,308	1,020	-	60,639
April	1	6,802	901	902	2,780	59,590	625	560	-	359,157
May	312	7,930	788	2,493	7,152	74,871	8,034	319	3,637	267,406
June	889	5,486	126	2,004	5,472	2,724	2,742	346	6,309	67,066
July	1,409	2,991	118	7,076	3,869	-	52,016	608	47,885	17,287
August	4,236	1,376	2,996	5,281	3,675	165	8,641	5,252	10,960	7,619
September	9,758	2,658	7,431	3,569	5,981	3,433	22,702	25,013	3,271	51,016
October	5,456	1,437	11,198	5,960	10,760	5,925	8,358	26,986	7,236	56,237
November	10,202	1,169	4,262	6,994	4,248	2,032	3,515	6,329	30,828	23,806
December	13,413	875	14,560	7,175	4,820	50	1,058	3,702	14,928	6,306

Quantity: Kilogram

2002

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Table 5: Number of Fishermen and Boats in Gaza Strip by Type of Boat and Governorate, 2002

Governorate	Number of Boats by Type					Total No. of Boats	No. of Fishermen
	Type of Boat						
	Motorized Hasaka and Fluka	Hasaka and Fluka Megdaf	Launch Shanshula	Launch Trawler			
Gaza Strip	538	150	66	16	770	2,543	
Gaza	315	93	44	16	468	1,297	
Deir Al-Balah	95	-	-	-	95	365	
Khan Yunis	59	30	10	-	99	606	
Rafah	69	27	12	-	108	275	

2002

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Table 6: Number of Operating Slaughterhouses and Hatcheries in the Palestinian Territory by Region, 2002

Region	Number of Hatcheries	Number of Poultry Slaughterhouse	Number of Livestock Slaughterhouse	
Palestinian Territory	18	3	18	
West Bank	9	2	13	
North West Bank	7	-	6	
Middle West Bank	1	1	2	
South West Bank	1	1	5	
Gaza Strip	9	1	5	
North Gaza Strip	3	1	2	
Middle Gaza Strip	2	-	1	
South Gaza Strip	4	-	2	

Table 7: Slaughtered Birds and Animals in the Palestinian Territory by Type and Governorate\ District, 2002

Governorate\ District	Animals					()	/
	Others	Goats	Sheep	Cows	Total		
Palestinian Territory	1,078	1,913	22,998	32,941	58,930	1,268.9	
West Bank	1,073	1,619	22,725	12,313	37,730	912.9	
Jenin	-	-	-	-	-	-	
Tubas	-	-	15	26	41	-	
Tulkarm	-	8	1,602	221	1,831	-	
Nablus	-	324	11,930	6,977	19,231	-	
Qalqiliya	122	-	1,565	944	2,631	-	
Salfit	-	-	-	61	61	-	
Ramallah & Al-Bireh	-	-	4,386	848	5,234	756.3	
Jericho	583	478	824	408	2,293	-	
Jerusalem	-	-	-	-	-	-	
Bethlehem	368	367	1,871	1,020	3,626	-	
Hebron	-	442	532	1,808	2,782	156.6	
Gaza Strip	5	294	273	20,628	21,200	356.0	
North Gaza	-	-	-	3,522	3,522	-	
Gaza	-	28	224	8,271	8,523	356.0	
Deir Al-Balah	-	-	-	1,859	1,859	-	
Khan Yunis	-	266	-	4,383	4,649	-	
Rafah	5	-	49	2,593	2,647	-	

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Table 8: Slaughtered Birds and Animals in the Palestinian Territory by Type and Month, 2002

Month	Animals الماشية					Birds (thousand)
	Others	Goats	Sheep	Cows	Total	
Total	1,078	1,913	22,998	32,941	58,930	1,268.9
January	80	167	3,079	3,507	6,833	155.4
February	141	439	3,463	2,913	6,956	142.0
March	135	202	7,018	5,409	12,764	123.7
April	38	76	2,901	2,498	5,513	56.2
May	80	87	2,238	2,827	5,232	137.4
June	68	87	1,015	2,168	3,338	102.2
July	17	85	524	2,326	2,952	43.3
August	66	118	505	2,517	3,206	74.9
September	180	158	353	2,071	2,762	93.9
October	43	167	510	2,064	2,784	110.1
November	187	234	600	2,429	3,450	120.0
December	43	93	792	2,212	3,140	109.8

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Table 9: Eggs Prepared for Hatching and Produced Chicks (Broilers and Layers) in the Palestinian Territory by Governorate\ District, 2002

Governorate\ District	Layers		Broilers		Total		/
	Number of Produced Chicks	Eggs Prepared for Hatching	Number of Produced Chicks	Eggs Prepared for Hatching	Number of Produced Chicks	Eggs Prepared for Hatching	
Palestinian Territory	113.0	150.0	27,205.3	40,269.1	27,318.3	40,419.1	
West Bank	-	-	15,491.7	24,944.7	15,491.7	24,944.7	
Jenin	-	-	6080.5	12454.5	6,080.5	12,454.5	
Tubas	-	-	-	-	-	-	
Tulkarm	-	-	6,643.7	8,244.0	6,643.7	8,244.0	
Nablus	-	-	457.5	615.0	457.5	615.0	
Qalqiliya	-	-	-	-	-	-	
Salfit	-	-	-	-	-	-	
Ramallah & Al-Bireh	-	-	375.1	775.1	375.1	775.1	
Jericho	-	-	-	-	-	-	
Jerusalem	-	-	-	-	-	-	
Bethlehem	-	-	-	-	-	-	
Hebron	-	-	1,934.9	2,856.1	1,934.9	2,856.1	
Gaza Strip	113.0	150.0	11,713.6	15,324.4	11,826.6	15,474.4	
North Gaza	-	-	1,554.1	2,030.0	1,554.1	2,030.0	
Gaza	36.0	40.0	2,074.3	2,637.1	2,110.3	2,677.1	
Deir Al-Balah	-	-	1,594.5	2,111.6	1,594.5	2,111.6	
Khan Yunis	77.0	110.0	5762	7,593.7	5,839.0	7,703.7	
Rafah	-	-	728.7	952.0	728.7	952.0	

Number in Thousand

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Table 10: Eggs Prepared for Hatching and Produced Chicks (Broilers and Layers) in the Palestinian Territory by Month, 2002

Month	Layers		Broilers		Total	
	Number of Produced Chicks	Eggs Prepared for Hatching	Number of Produced Chicks	Eggs Prepared for Hatching	Number of Produced Chicks	Eggs Prepared for Hatching
Total	113.0	150.0	27,205.3	40,269.1	27,318.3	40,419.1
January	-	-	2,049.6	6,500.9	2,049.6	6,500.9
February	-	-	2,469.8	3,420.8	2,469.8	3,420.8
March	42.0	60.0	2,320.1	3,236.6	2,362.1	3,296.6
April	-	-	1,955.6	2,454.9	1,955.6	2,454.9
May	35.0	50.0	1,735.5	2,395.4	1,770.5	2,445.4
June	-	-	1,553.6	2,339.8	1,553.6	2,339.8
July	-	-	2,107.4	2,904.9	2,107.4	2,904.9
August	36.0	40.0	2,562.1	3,326.2	2,598.1	3,366.2
September	-	-	2,699.4	4,102.5	2,699.4	4,102.5
October	-	-	2,902.0	3,476.7	2,902.0	3,476.7
November	-	-	2,702.8	3,391.2	2,702.8	3,391.2
December	-	-	2,147.4	2,719.2	2,147.4	2,719.2

Number in Thousand

2002-1998

Table 11: Percentage of Employees in Agriculture, Forest, Hunting and Fishing Activity from the Total Employees in Different Activities by Year, Sex and Region, 1998-2002

Region	Year									
	2002		2001		2000		1999		1998	
	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males
Palestinian Territory	29.9	11.9	26.3	9.4	34.6	9.8	31.8	9.3	29.1	9.5
West Bank	29.2	10.7	27.4	9.1	29.6	9.2	29.1	8.2	33.5	10.1
North West Bank	41.7	16.8	35.9	14.9	40.5	14.9	38.0	11.8	41.3	13.6
Middle West Bank	15.2	5.9	10.8	4.4	11.8	4.5	12.7	4.9	13.6	4.8
South West Bank	24.9	9.0	30.4	7.8	28.3	6.7	30.2	6.9	34.1	9.6
Gaza Strip	33.0	14.7	22.3	10.1	48.5	11.2	41.2	11.9	6.9	8.1

2002

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Table 12: Percentage Distribution of Employees in Agriculture, Forest, Hunting and Fishing Activity in the Palestinian Territory by Operating Status, Sex and Region, 2002

Region	Total		Operating Status							
			Unpaid Family Members		Wage Employee		Self Employed		Employer	
	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males
Palestinian Territory	100.0	100.0	85.1	23.8	3.8	19.8	11.0	55.0	0.1	1.4
West Bank	100.0	100.0	81.9	23.9	4.5	15.9	13.5	58.8	0.1	1.4
North West Bank	100.0	100.0	78.2	25.2	4.8	12.8	16.8	60.5	0.2	1.5
Middle West Bank	100.0	100.0	84.3	22.1	9.0	30.4	6.7	46.5	—	1.0
South West Bank	100.0	100.0	90.8	22.5	—	11.2	9.2	65.0	—	1.3
Gaza Strip	100.0	100.0	97.9	23.6	1.1	26.6	1.0	48.5	—	1.3

2002 - 1999

Table 13: Average Daily Wage in Dollar for Paid Employees in the Agricultural Sector and all Activities in the Palestinian Territory by Year and Region, 1999- 2002

Region	Year							
	2002		2001		2000		1999	
	Average Wage of all Activities	Average Wage in Agriculture	Average Wage of all Activities	Average Wage in Agriculture	Average Wage of all Activities	Average Wage in Agriculture	Average Wage of all Activities	Average Wage in Agriculture
Palestinian Territory	15.6	11.0	17.3	13.0	19.0	16.4	18.2	14.8
West Bank	17.5	13.9	19.1	15.2	20.4	16.9	19.4	15.7
North West Bank	13.4	14.1	15.6	13.8	18.6	16.6	18.0	15.6
Middle West Bank	20.7	12.9	22.1	16.1	22.5	16.7	21.0	14.5
South West Bank	15.4	15.9	18.7	17.4	20.1	18.0	19.1	17.4
Gaza Strip	11.9	8.0	12.9	8.1	15.8	15.8	15.7	13.6

Average Wage: US \$

2002

Table 14: Percentage of Employees in Agriculture, Forest, Hunting and Fishing Activity from the Total Employees in Different Activities in the Palestinian Territory by Round, Sex and Region, 2002

Region	Round							
	- October-December		- July-September		- April-June		- January-March	
	Females	Males	Females	Males	Females	Males	Females	Males
Palestinian Territory	38.2	13.3	21.5	9.4	31.2	13.7	26.3	11.0
West Bank	40.2	13.0	22.1	9.6	28.0	11.6	23.3	8.8
North West Bank	56.4	21.8	30.3	15.0	40.4	15.4	30.1	14.3
Middle West Bank	17.9	6.7	17.0	5.5	16.3	7.7	7.6	3.8
South West Bank	25.8	8.1	7.8	7.5	26.2	11.9	26.9	7.5
Gaza Strip	26.7	14.2	17.7	8.9	41.0	18.7	37.9	16.4

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Table 15: Monthly Price Index for Main Agricultural Products in the Palestinian Territory, 2002

Month	Potatoes	Cucumber	Tomatoes	Apples	Banana	Water Melon	Eggs	Fresh Broilers	Cattle Meat	Sheep Meat
Yearly Price Index	123.42	143.71	133.06	122.09	124.00	106.83	98.71	121.38	117.97	136.79
January	147.12	236.87	160.14	134.11	120.95	-	101.41	115.53	114.20	134.84
February	162.15	183.61	150.75	143.20	121.19	-	101.11	113.25	118.66	138.70
March	132.74	109.29	111.76	133.71	111.96	154.06	98.49	104.42	119.33	141.47
April	145.92	186.21	135.00	131.99	108.11	191.86	91.12	108.26	121.32	138.95
May	123.23	96.45	88.30	144.85	122.80	143.36	92.84	115.38	119.45	137.55
June	114.18	126.06	91.97	111.07	107.91	132.67	96.06	121.37	123.03	136.21
July	117.73	128.48	122.73	116.65	161.51	115.05	94.65	144.30	120.13	134.59
August	108.64	129.52	135.57	97.15	122.52	106.00	99.19	139.60	121.00	135.23
September	105.37	127.78	238.59	102.64	117.65	172.92	103.33	129.34	114.92	135.32
October	100.01	126.77	139.01	122.19	125.06	266.07	103.63	121.08	115.00	136.48
November	102.67	140.91	103.80	125.81	121.72	-	101.72	120.51	115.35	136.63
December	121.23	132.57	119.10	101.65	146.61	-	101.01	123.50	113.21	135.48

Base Year 1996=100

100 = 1996

Table 16: Average Producer Prices for Main Agricultural Products in the Palestinian Territory, 2002

Item Description	Unit	Average (US \$)		
Anbar Wheat	Sack/50kg	12.88	50/	
American Wheat	Sack/50kg	10.96	50/	
Barley	Sack/50kg	7.48	50/	
Broad Bean (L)	Sack/50kg	39.03	50/	
Broad Bean (S)	Sack/50kg	25.57	50/	
Dry Kidney Bean	Sack/50kg	48.17	50/	
Dry Peas (L)	Sack/50kg	18.88	50/	
Cowpea (M)	Sack/50kg	49.12	50/	
Local Potato	Sack/25kg	8.20	25/	
Local Tomato	Box/10kg	4.15	10/	
Green House Tomato	Box/10kg	3.95	10/	
Local Cucumber	Box/10kg	5.89	10/	
Green House Cucumber	Box/10kg	3.53	10/	
Squash (S)	Box/10kg	5.63	10/	()
Squash (L)	Box/10kg	3.42	10/	
Eggplant	Box/10kg	2.57	10/	
Batiri Eggplant	Box/10kg	3.62	10/	
Eggplant (S)	Box/10kg	3.33	10/	
Local Cauliflower	Box/10kg	3.96	10/	
Cauliflower	Box/10kg	4.56	10/	
White Cabbage	Box/10kg	2.67	10/	
Red Cabbage	Box/10kg	4.28	10/	
Green Kidney Bean	Box/10kg	9.96	10/	
Green Kidney Bean (L)	Box/10kg	10.85	10/	
Green Cowpea	Box/10kg	8.56	10/	
Local Green Broad Bean	Box/10kg	15.11	10/	
Okra (S)	Box/10kg	16.64	10/	
Jew's Mallow	10kg	3.38	10	
Local Dry Garlic	10kg	12.09	10	
Green Onion	10kg	4.05	10	
Dry Onion	Sack/50kg	2.83	10/	
Hot Pepper	Box/10kg	3.55	10/	()
Paprika	Box/10kg	3.49	10/	()
Water Melon	10kg	1.06	10	()

L: large size, S: small size, M: medium size

2002

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Table 16 (Cont.): Average Producer Prices for Main Agricultural Products in the Palestinian Territory, 2002

Item Description	Unit	Average (US \$)		
MaskMelon	10kg	3.37	10	
Pumpkin	10kg	6.61	10	
Gourd	10kg	3.88	10	
Navel Orange (L)	Box/10kg	4.32	10/	
Shammoty Orange (L)	Box/10kg	3.86	10/	
Valencia Orange (L)	Box/10kg	2.85	10/	
French Orange (L)	Box/10kg	3.35	10/	
Mandarin (S)	Box/10kg	1.54	10/	
Mandarin (L)	Box/10kg	2.32	10/	
Clement (S)	Box/10kg	1.92	10/	
Clement (L)	Box/10kg	2.92	10/	
Green Lemon	Box/10kg	2.87	10/	
Yellow Lemon	Box/10kg	3.01	10/	
Local Red Apple	Box/10kg	6.34	10/	
Local Apple (S)	Box/10kg	3.70	10/	
Banana (M)	Box/10kg	3.51	10/	
Local White Grape	Box/10kg	4.23	10/	
Red Grape	Box/10kg	5.03	10/	
Halawani Grape	Box/10kg	7.27	10/	
Guava (L)	Box/10kg	5.28	10/	()
Guava (S)	Box/10kg	4.44	10/	
Avocado (L)	Box/10kg	5.49	10/	
Avocado (S)	Box/10kg	6.51	10/	
Red Peach	Box/10kg	10.04	10/	
Yellow Peach (L)	Box/10kg	9.51	10/	
Baioti Peach	Box/10kg	4.49	10/	
Plum	Box/10kg	5.28	10/	
Green Pear (L)	Box/10kg	7.71	10/	
Fig Hamadi	10kg	10.56	10	
Fig Eswadi	10kg	8.45	10	
Fig Baiadi	10kg	9.87	10	
Date	Box/10kg	9.51	10/	

L: large size, S: small size, M: medium size

Table17: Average Producer Prices for Main Animal Products in the Palestinian Territory, 2002

Item Description	Unit	Average (US \$)		
Live Sheep				
Local Sheep	1kg	3.74	1	
Heifer Sheep	1kg	4.12	1	()
Live Goats				
Local Goats	1kg	4.15	1	()
Live Calves				
Bull Calves	1kg	2.20	1	
Live Broilers				
Broilers (L)	1kg	1.11	1	
Broilers (S)	Chick	0.42		
Fresh Eggs				
Eggs	Carton/2.2kg	1.64	2.2/	
Eggs	Carton/1.2kg	0.98	1.2/	
Eggs	Carton/1.8kg	1.46	1.8/	
Bee Honey				
Pure Honey 100%	10kg	99.43	10	%100
Fresh Fish				
Red Mullet	10kg	54.93	10	
Epinephelus Spp. (Grouper)	10kg	176.07	10	
Liza spp. (mullet)	10kg	59.16	10	
Danis	10kg	86.88	10	
Sphraenasp (Baracuda)	10kg	55.64	10	
Fresh Penaeas				
Penaeus spp. (Prawans) (L)	10kg	151.42	10	
Penaeus (M)	10kg	105.64	10	
Penaeus (S)	10kg	43.67	10	

L: large size, S: small size, M: medium size

2001 - 1998

:18

Table 18: Main Economic Indicators Related to the Agricultural Sector in the Palestinian Territory, 1998 - 2001

Indicator	Year							
	2001		2000		1999		1998	
	Percentage from Total Activities	Value	Percentage from Total Activities	Value	Percentage from Total Activities	Value	Percentage from Total Activities	Value
Agricultural Output	9.5	653.6	9.9	747.2	9.6	741.3	11.2	820.6
Value Added	8.6	335.8	9.5	421.0	10.2	461.2	11.3	481.1
Intermediate Consumption	10.8	317.8	10.4	326.2	8.8	280.1	11.1	339.6
Operating Surplus	17.9	326.9	18.9	406.6	18.6	444.0	21.1	470.2
Compensation of Employees	0.6	8.9	0.9	14.3	1.1	17.2	0.8	10.9

Value in Million US \$

Table 19: Operational Economic Establishments in the Private Agricultural Sector in the Palestinian Territory by Economic Activity and Region, 2002

Economic Activity	Gaza Strip	South	Middle	North	Remaining	Palestinian Territory
		West Bank	West Bank	West Bank	West Bank	
Total	1,341	1,678	1,139	3,274	6,091	7,432
Production and preservation of meat	3	1	3	5	9	12
Preservation of fruit and vegetables	4	4	2	5	11	15
Manufacture of oil and vegetables lipids	12	30	49	211	290	302
Manufacture of dairy products	9	14	8	14	36	45
Manufacture of grain mill products	47	17	17	67	101	148
Manufacture of prepared animal feed	3	3	6	11	20	23
Manufacture of tobacco products	-	1	3	5	9	9
Tanning and dressing of leather	2	14	3	3	20	22
Manufacture of pesticides	-	1	-	-	1	1
Collection, Purification and distribution of water*	239	3	7	86	96	335
Wholesale of agricultural row materials	82	102	29	154	285	367
Renting of agricultural machine	-	-	-	1	1	1
Veterinary activities	11	16	6	15	37	48
Farming of cattle, sheep and goats	189	474	232	1,280	1,986	2,175
Other animal farming as poultry	740	998	774	1,417	3,189	3,929

* Include wells and springs that could be used for non-agricultural purposes.

*

2002

جدول 20: أ

Table 20: Agricultural Cooperative Societies in Operation in the Palestinian Territory by Type of Activity and Region, 2002

Region	Type of Activity							Total	
	Others	Marketing and Lending and Supply of Inputs	Olive Pressing	Agricultural Services	Bees Breeding	Livestock and poultry Breeding	Agricultural Production		
Palestinian Territory	1	16	11	27	3	14	3	75	
West Bank	1	10	11	19	3	14	3	61	
North West Bank	1	5	9	5	2	5	-	27	
Middle West Bank	-	2	-	4	-	5	3	14	
South West Bank	-	3	2	10	1	4	-	20	
Gaza Strip	-	6	-	8	-	-	-	14	

Table 21: Agricultural Engineers in the West Bank by Region and Specialization, 2002

Specialization	South West Bank	Middle West Bank	North West Bank	West Bank
Total	141	111	331	583
General Specialization	16	26	43	85
Horticulture	9	3	13	25
Agricultural Economics	3	5	8	16
Agricultural Extension	-	-	3	3
Animal Production	30	19	81	130
Plant Production	12	10	43	65
Nutrition & Food Manufacturing	13	9	16	38
Land Reclamation	2	3	6	11
Soil & Irrigation	8	7	11	26
Plant Protection	40	21	94	155
Agricultural Mechanization	-	2	4	6
Other Specializations	8	6	9	23

Table 22: Agricultural Engineers in Gaza Strip by Region and Specialization, 2002

Specialization	South Gaza Strip	Middle Gaza Strip	North Gaza Strip	Gaza Strip	
Total	238	92	395	725	
General Specialization	46	18	92	156	
Horticulture	19	7	31	57	
Agricultural Economics	4	-	4	8	
Agricultural Production	10	4	10	24	
Animal Production	23	8	38	69	
Plant Production	5	2	4	11	
Agricultural Cooperation	3	-	2	5	
Food Technology	2	-	3	5	
Nutrition & Food Manufacturing	26	17	58	101	
Soil & Irrigation	22	8	24	54	
Agricultural Pests	9	1	11	21	
Insecticide	4	4	5	13	
Plant Protection	33	11	73	117	
Field Crops	7	1	7	15	
Poultry	3	-	4	7	
Agricultural Mechanization	14	5	14	33	
Biochemistry	4	2	9	15	
Other Specializations	4	4	6	14	



Palestinian Central Bureau of Statistics

Agricultural Statistics Various Data 2002

August, 2003

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Introduction

Agro-economic resources and production data concerning the level of agricultural crops and animal products play a pivotal role in the national economic development of the Palestinian Territory.

The Palestinian Central Bureau of Statistics (PCBS) strives to support and develop statistical data systems including an agricultural database given that it constitutes the most significant base for infrastructure required for the developmental process.

In response to the above policy, the PCBS prepared this report based on information and statistical data about the agricultural sector; compiled from the administrative records of some ministries, other PNA institutions, and the PCBS field surveys.

Reference period of data in this report were concurred with Israeli aggression on Palestinian governorates and Palestinian people, which leads to a huge losses, that appeared in the most agricultural, industrial and other sectors.

Objectives

The main objectives of this report are to provide some basic data that are required for putting forward essential plans and policies for promoting and developing the various activities and factors of production, as well as initiating an agricultural data base that supports the developmental process in the agricultural sector, another main objective for this report is to provide data about agricultural water wells, quantity of pumped water, fishermen and their boats, slaughterhouses and hatcheries, prepared eggs for hatching and produced chicks, workers in agricultural sector and their wages, some economic indicators as consumer and producer prices, agricultural establishments and cooperatives and finally agricultural engineers.

Concepts and Definitions

Water well:	A hole that extends from the ground surface down to one or more water-carrying layers (Aquifers).
Consumed water:	An amount of water drawn from groundwater or a source of surface water for agricultural usage such as irrigation, animal farms and other type of usage.
Agricultural Employee:	Anyone who worked in an agricultural activity for at least one hour during the reference week, or who did not work during the reference week, but held a job or owned a business from which they were temporary absent (because of illness, vacation, temporary stoppage, or any other reason). Employees are classified according to employment status as follows: <ol style="list-style-type: none">1. Employer: A person who operates his or her own enterprise and hires one or more paid employees.2. Own-account Worker (Self-Employed): A person who operates his or her own enterprise and hires no employees.3. Employee: A person who works for a public or private employer for remuneration in wage, salary, commission, tips, piece-rates or pay in kind.4. Unpaid Family Member: A person who works without payment in an enterprise operated by a relation living in the same household.
Labor Force:	The economically active population (Labor Force) who is either employed or unemployed as defined above at the time of the survey.
Daily wage per employee:	Total net wages paid to all employees divided by total workdays. Wages received in different currencies are converted into New Israeli Shekels at the exchange rate during the month of the survey.
Consumer Price Index (CPI):	Is a statistical tool used for measuring changes ((actual price\base price)*100%) in prices of purchased goods and services during different temporal intervals.
Producer's Price:	The producer's price, as defined in SNA93, is the amount paid by the purchaser to the producer for a product or a service produced as an output minus VAT, or a similar deductible tax, invoiced to the purchaser. The producer prices exclude any transport charges invoiced separately by the producer.
Output:	Value of goods and services, including own-account goods, produced during a specific period.
Intermediate	Value of production inputs from both goods and services.

consumption:	
Gross value added:	Output minus intermediate consumption.
Compensation of employees:	Wages, salaries and other allowances and remuneration in cash or in kind.
Operating surplus:	Value added- (compensation of employees + taxes on production minus subsidies + depreciation).
Establishment	An enterprise or part of an enterprise in which one group of goods and services is produced (with the possibility of having secondary activities). Agricultural establishments in this report are establishments which produce agricultural products as fish, or they practice agricultural activities as livestock and poultry, and establishments that are related to agricultural sector as production and preservation of meat establishments, manufacture of dairy products establishments and manufacture of prepared animal feed establishments.
North West Bank:	This region includes Jenin, Tulkarm, Nablus and Qalqiliya Governorates, and Tubas and Salfit Districts.
Middle West Bank:	This region includes Ramallah & Al-Bireh, Jericho and Jerusalem Governorates.
South West Bank:	This region includes Bethlehem and Hebron Governorates.
North Gaza Strip:	This region includes North Gaza and Gaza Governorates.
Middle Gaza Strip:	This region includes Deir Al- Balah Governorate.
South Gaza Strip:	This region includes Khan Yunis and Rafah Governorates.
Remaining West Bank:	The West Bank does not include those parts of Jerusalem illegally annexed to Israel in 1967.
Symbols Used in Tables:	(-): Null. (0): Less than half of the unit. (.): Data not available.

Methodology

Source of Data:

Data Collection for this report relied on surveys that were done by PCBS and other administrative records for some establishments as following:

1. Field surveys conducted by the Palestinian Central Bureau of Statistics:
 - Labor Force Surveys for 1998, 1999, 2000, 2001 and 2002: These surveys provided data on agricultural employment and the average daily wage for workers in agriculture, forest, hunting and fishing.
 - Monthly Consumer Price Index Survey 2002: Monthly Consumer Price Index for main Agricultural plant and animal products for 2002 was prepared and processed.
 - Producer Prices Survey 2002: Agricultural producer price list for the main plant and animal agricultural products for 2002 was prepared and processed.
 - National Accounts 2001: Economic accounts on the agricultural sector for 2001 were utilized in preparing this report.
 - Establishments Census 1997, and it's update until 31/12/2002: This census provided data about agricultural establishments that are operating in private sector, 2002
2. Palestinian Water Authority: The Palestinian Water Authority provided data on the wells and water quantities used in agriculture for 2002.
3. Ministry of Agriculture: The Ministry of Agriculture provided data on fisheries, fishermen and fishing boats for 2002.
4. Municipalities (slaughterhouses): The municipalities provided data on slaughterhouses and the number of slaughtered birds and animals for 2002.
5. Hatcheries: They provided data on eggs prepared for hatching and produced chicks for 2002.
6. Ministry of Labor: The Ministry of Labor provided data on the agricultural cooperatives societies for 2002.
7. Agricultural Engineers Association: The number of agricultural engineers and their various fields of specialization were provided by the Agricultural Engineers Association for 2002.

Data were collected by forms, that were prepared for this purpose.

Methodology of Data Collection from Field Surveys:

The adopted source of data for this report could give more detailed information about the methodology of each survey. Some surveys raw data were processed and edited before published as it in this report.

Note: The average exchange rate of NIS for 2002 =0.211 US \$.

Data Quality

Data of the Palestinian Central Bureau of Statistics Surveys

- Data of national accounts for 1994-2000 (Economic Indicators for agricultural sector) are finally justified data, where data for 2001 are primary and subject to change data.
- Establishments that are operating in collection, purification and distribution of water include wells and springs that could be used for non-agricultural purposes.
- The highest production of chicks in 2001 was in October at around 2,315 thousands; approximately 2,265 thousands of which were broiler chicks. Such values were mentioned as 2,315 and 2,265 in the report “Agricultural Statistics: Various Data, 2001”.

Data of Ministries and National Institutions

- Regarding slaughtered animals and poultry, it is worth mentioning that these data represent the number of poultry and animals slaughtered in slaughterhouses only and do not reflect the number of animals slaughtered in commercial outlets, houses or any other places. Moreover, there were some closed or not operating slaughterhouses for the year 2002, so slaughterhouses data represent data that could be collected. Slaughterhouses data were collected through a monthly questionnaire, which makes it of acceptable quality.
- The number of cooperative societies were provided by Ministry of Labor, where the new cooperatives were registered and the un-operational (closed) cooperatives were removed, therefore the number of cooperatives and their activity indicators are considered of high quality.
- The data provided by the Agricultural Engineers Association include the registered engineers only. The available data do not include specialization and place of residence of 195 of registered engineers.
- Fishing activity is restricted in most Gaza Strip governorates, except in North Gaza governorate.

